

IN THE CLAIMS:

The following is a complete listing of claims in this application.

Claims 1-26 (canceled).

27. (previously presented) A pharmaceutical composition in the form of a sprayable oily fluid, the oily fluid comprising:

peroxidized lipids which have a degree of peroxidation of between 5 and 600 milli-equivalents per kilogram, and

silica which is dispersed within said peroxidized lipids, the oily fluid containing said silica in a concentration by weight of greater than or equal to 0.5% and less than 4%.

28. (previously presented) The pharmaceutical composition according to claim 27, containing 0.5 to 3.5% by weight of said silica.

29. (previously presented) The pharmaceutical composition according to claim 27, containing 0.5 to 2% by weight of said silica.

Claim 30 (canceled).

31. (previously presented) The pharmaceutical composition according to claim 27, wherein the silica is a form of colloidal silica.

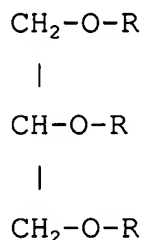
32. (previously presented) The pharmaceutical composition according to claim 27, having a kinematic viscosity measured at 20°C by means of a capillary viscometer, of between 26.6 and 44.4 mm²/s.

33. (previously presented) The pharmaceutical composition according to claim 27, having a density of 0.95 ± 10%.

34. (previously presented) The pharmaceutical composition according to claim 27, wherein said peroxidized lipids have a degree of peroxidation of between 30 and 500 milli-equivalents per kilogram.

35. (previously presented) The pharmaceutical composition

according to claim 27, wherein said peroxidized lipids comprise partially oxidized triglycerides of a formula:



in which radicals R are partially peroxidized C₁₈ unsaturated acids.

36. (previously presented) The pharmaceutical composition according to claim 27, wherein said peroxidized lipids are obtained by peroxidation of lipids or of fats of natural origin.

38. (previously presented) The pharmaceutical composition according to claim 27, wherein the lipids originate from a natural plant oil.

39. (previously presented) The pharmaceutical composition according to claim 38, wherein the natural oil is selected from the group consisting of sweet almond oil, hazelnut oil, groundnut oil, maize oil, grapeseed oil, sesame oil, safflower oil, and mixtures thereof.

40. (withdrawn) A method for treatment of xerostomia, comprising application by spraying in the mouth of a composition in the form of an oily fluid comprising peroxidized lipids having a degree of peroxidation of between 5 and 600 milli-equivalents per kilogram, said composition having a viscosity adapted for lining the buccal cavity and tongue.

41. (withdrawn) A method according to claim 40, wherein the composition contains silica dispersed within said peroxidized lipids, the oily fluid containing said silica in a concentration by weight of greater than or equal to 0.5% and less than 4%.

42. (withdrawn) A method according to claim 41, wherein the composition contains 0.5 to 3.5% by weight of said silica.

43. (withdrawn) A method according to claim 42, wherein the composition contains 0.5 to 2% by weight of said silica.

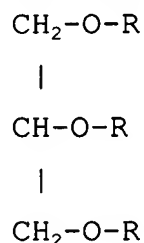
44. (withdrawn) A method according to claim 41, wherein the silica is a form of colloidal silica.

45. (withdrawn) A method according to claim 40, wherein the composition has a kinematic viscosity measured at 20°C by means of a capillary viscometer, of between 26.6 and 44.4 mm²/s.

46. (withdrawn) A method according to claim 40, wherein the composition has a density of 0.95 ± 10%.

47. (withdrawn) A method according to claim 40, wherein the peroxidized lipids have a degree of peroxidation of between 30 and 500 milli-equivalents per kilogram.

48. (withdrawn) A method according to claim 40, wherein said peroxidized lipids comprise partially oxidized triglycerides having a formula:



in which the radicals R are partially peroxidized C₁₈ unsaturated acids.

49. (withdrawn) A method according to claim 40, wherein said peroxidized lipids are obtained by peroxidation of lipids or of fats of natural origin.

50. (withdrawn) A method according to claim 49, wherein the lipids originate from a natural plant oil selected from the group consisting of sweet almond oil, hazelnut oil, groundnut oil, maize oil, grapeseed oil, sesame oil, safflower oil and mixtures thereof.

51. (new) The pharmaceutical composition according to claim 27, which is non-aqueous.

52. (new) The pharmaceutical composition according to claim 27, contained in a flask comprising a pump spray device enabling the composition to be sprayed as a fine mist into the mouth of a person.

53. (new) A non-aqueous pharmaceutical composition in the form of a sprayable oily fluid, the oily fluid comprising:

peroxidized lipids which have a degree of peroxidation of between 5 and 600 milli-equivalents per kilogram, and

silica which is dispersed within said peroxidized lipids, the oily fluid containing said silica in a concentration by weight of greater than or equal to 0.5% and less than 4%.

54. (new) A pharmaceutical composition in the form of a sprayable oily fluid, the oily fluid consisting essentially of:

peroxidized lipids which have a degree of peroxidation of between 5 and 600 milli-equivalents per kilogram,

silica which is dispersed within said peroxidized lipids, the oily fluid containing said silica in a concentration by weight of greater than or equal to 0.5% and less than 4%, and optionally, flavoring.

55. (new) The pharmaceutical composition according to claim 53, further comprising an anti-bacterial agent which is compatible with buccal use.

56. (new) The composition of claim 55, wherein said anti-bacterial agent is chlorhexidine.

57. (new) The composition of claim 53, further comprising an antimycotic agent compatible with buccal use.

58. (new) The composition of claim 57, wherein said antimycotic agent is selected from the group consisting of an imidazole containing compound and a contact antifungal antibiotic agent.

59. (new) The composition of claim 53, further comprising a formula stabilizing agent selected from the group consisting of a buffering agent, a thickening agent, a fluidifying agent and a pH corrector.

60. (new) The composition of claim 53, further comprising a formula protecting agent selected from the group consisting of an agent having an anti-bacterial effect and a preservative.

61. (new) The composition of claim 60, wherein said formula protecting agent is an ester of p-hydroxybenzoic acid.

62. (new) The composition of claim 53, further comprising a perfuming composition comprising at least one of a food flavor, an essential oil, an extract of a plant and an extract of a fruit.

63. (new) A pharmaceutical composition consisting essentially of, by weight:

- peroxidized maize oil having a degree of peroxydation of between 50 and 150 milli-equivalents per kilogram.....94.4%
- colloidal silica..... 1.5%
- Mint food flavoring 1.0%
- orange-grapefruit food flavoring.....3.0%
- aspartame.....0.1%.